

WHAT IS CLAIMED IS:

1. An image forming apparatus comprising:
a pair of sheet transporting members having rotary shafts provided coaxially with each other
5 along a cross direction perpendicular to a transport direction of a sheet, and rotatively driven independently of each other to thereby transport the sheet;
detecting means extending along the cross
10 direction for detecting a transported state of the sheet transported by said pair of sheet transporting members; and
control means for controlling said pair of sheet transporting members on the basis of detection
15 information of said detecting means to correct a sheet position in said cross direction and a skew feed posture of the sheet relative to the transport direction.
- 20 2. An image forming apparatus according to Claim 1, wherein said control means provides a transporting speed difference between said pair of sheet transporting members.
- 25 3. An image forming apparatus according to Claim 1, wherein said detecting means is a line sensor arranged parallel to said cross direction, and

a size of a detectable area in said cross direction by said line sensor is larger than a size in said cross direction of at least an area through which the transporting sheet passes.

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4. An image forming apparatus according to Claim 1, wherein said detecting means is disposed upstream of said pair of sheet transporting members with respect to the transport direction of the sheet.

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5. An image forming apparatus according to Claim 1, wherein said detecting means is disposed downstream of said pair of sheet transporting members with respect to the transport direction of the sheet.

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6. An image forming apparatus according to Claim 1, wherein said control means controls said pair of sheet transporting members to correct a deviation of the sheet in the cross direction simultaneously with correcting a deviation of the sheet in a skew feed direction.

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7. An image forming apparatus according to Claim 1, further comprising calculating means for calculating, on the basis of the detection information of said detecting means, a movement direction and a movement amount of the sheet in said

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cross direction relative to a normal transported position, and a skew feed direction and a skew feed amount.

5 8. An image forming apparatus according to
Claim 7, wherein said calculating means calculates
the skew feed direction and the skew feed amount
after correcting a deviation in the cross direction
of the sheet to thereby calculate a total skew feed
10 direction and a total skew feed amount, and said
control means controls said pair of sheet
transporting members to correct a deviation in the
skew feed direction of the sheet on the basis of said
total skew feed direction and said total skew feed
15 amount.